

Farm Telephones.

In some parts of the country telephones are becoming very common. It seems that once a telephone is established in the family it is there to stay. Other sections of the country are very much behind the times in this respect, probably because no one has gone ahead with the preliminary arrange-

A farm telephone is not only a great luxury, but it is fast becoming an absolute necessity. With the addition of more business to the farm every year and the scarcity of labor anything that saves steps is worth money. When you get accustomed to doing business over the telephone you realize its great value.

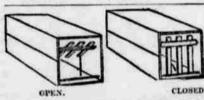
A short time ago I heard a farmer order 100 bushels of seed oats by phone from another farmer about ten miles away. He had seen a sample at the fair last fall and made the negotiations accordingly. The business was transacted in about five minutes while the farmer was sitting at his desk after reading his morning mail left at the box by the rural delivery man. It would have taken him all day to get his mail and drive to the other farmer and buy his seed oats.

But there is a social side to farm life that is fostered by the telephone. It often happens that a woman is left alone for the day and she can easily make arrangements to have a neighbor call and spend the time pleasantly, instead of feeling lonely. Then it is so easy to make social arrangements for evenings or to meet friends as occasion requires.

There are always people in a neighborhood who are public-spirited enough to go ahead with the necessary arrangements to establish a telephone service. Others should encourage them promptly by subscribing to the fund required. Everybody is benefited, because the arrangement is mutual in neighborhood. - Agricultural Epitomist.

A Trap Nest.

The accompanying plan of trap nest is quite simple and can be made from a box of suitable size. It should be 12 or 14 inches square by 20 or 24



inches long. The slats should be nailed to a crosspiece about one-quarter the distance from the top. A couple of nails are driven through the box and into the crosspiece to swing on. Half way back, on the inside, a narrow piece of board is nailed, back of which the nest is made.

To set the trap simply raise the slats inward from the bottom 8 or 9 inches high and place a small stick under one of the slats. As the hen enters the door is raised off the stick. which falls to the floor. There should be about five slats for a box 12 or 14 inches in width, slats close against inch strip at bottom.

When Vegetables Mature. The following list will show the gar-

dener how long after planting the various common vegetables will mature their growth and be ready for use: Bush beans ...... 40 to 65 days Pole beans ...... 50 to 80 days Celery ..... 120 to 150 days Sweet corn ....... 60 to 100 days

Cucumbers ..... 60 to 80 days Eggplants ..... 100 to 140 days Onion seed ...... 130 to 150 days Onion sets ..... 90 to 120 days Parsley ..... 30 to 120 days Parsnips ...... 125 to 160 days White potatoes ...... 80 to 140 days Pumpkins ..... 100 to 140 days Radishes ..... 20 to 40 days Spinach ..... 30 to 60 days Bush squashes ..... 60 to 80 days Late squashes ....... 120 to 160 days Tomatoes ..... 100 to 140 days Turnips ..... 110 to 140 days

Study Fertilizer. A few simple fertilizer maxims are so important that they should be fixed in the mind. Per cent is only another way for saying parts in 100. Fertilizers may be direct or indirect in action. The former contains needed plant food, the latter enables the plant to get food from soil or air. Lime is not plant food under common conditions; it corrects a bad condition of soil-sourness-and unlocks soil materials. Sulphate of iron (copper as), sulphate of copper (blue stone), sulphate of magnesia (Epsom salts) and sulphate of lime (gypsum) are among these indirect fertilizers.

To Sharpen a Lawn Mower. First remove the handle, to get it out of the way. Take a flat file and file the edges of the revolving blades, being careful to file each blade alike, and evenly, so all parts will strike the horizontal or stationary blade evenly and alike at its entire length. File also the horizontal blade, then adjust the revolving blades so they will slightly rub on the horizontal

flog Cholera

In the way of treatment the United States Bureau of Animal Industry has discovered a vaccine which saves about 80-odd per cent after cholera ap pears in a herd, and a larger per cent if vaccinated before the disease is introduced. Time will demonstrate the practicability of this method. The bacteriology department of the Kansas State Agricultural College is also working along these lines, but is not yet ready to announce anything but

progress. When symptoms of cholera appear of cure, holds good here.

Saves the Pertilizer.

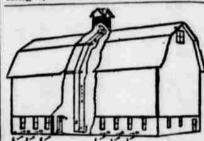
tilizer dropper. This deand having a small open-

the rod is connected to a crossbar, and, when resting on the top of the handed. bucket the valve is open. To close the finger and lifts the bar, thus shutting 1883-4, after long years of experiment off the fertilizer. The valve flares at the bottom, spreading the fertilizer in a broad, fine stream. For small farms, gardens and lawns this device is of great convenience, and is a money-

Water for the Chicks.

Take an ordinary baking pan and have the tinsmith rivet on an "ear" on one side for nailing to a tree. Have him also make a hole in the made them larger and larger, but still bottom in one corner, that the water the fingered glove did not quite serve can be let out every day and the pan the purpose. In 1888, Jim White, a be kept clean. Nail the pan to a tree third baseman, sewed a leather plate about twelve inches from the ground, on the face of his infielder's glove so the chicks can drink without get- and got thereby good results with hot ting into it with their feet. The birds liners. Immediately the big catcher's will soon discover that it is a fine mitt, claimed by two or three different place from which to get a drink on inventors, became a feature of the hot days. Sometimes they find, too, game. that it is a convenient place for a bath, and this of course makes the water dirty. But it is not much trouble to refill the pan with clean water, and this should be done two or three times a day. Chickens and birds require a great deal of water, and they often suffer for lack of it. Don't neglect them.—Boston Herald.

The King System of Ventilation. Ventilation for stables and barns is for a King system as illustrated in the dia-



SHOWING THE VENTILATING FLUES.

gram consists of two sets of flues, one placed not more than ten feet apart Samuel, promptly, "but you said and located in the exterior walls of wasn't to tell anybody." the barn. The outlet may include one or more flues.

As Usual.

He bought a hoe, a rake, a spade, Some little seeds to sow, At last he got the garden made And saw the green things grow.

He work'd the rows and beds each day Each little plant he knew, And as he smiled and sweat away Oh, joy; how fast they grew.

No floods came down to wash things ou No frosts to kill or blight; No neighbor's chickens scratched about; No kine strayed in at night.

Each seed he planted did its best And not a one did rot-No other garden, East or West,

Such veg'tables begot. But still this man did not enjoy These veg'tables so new, For every night a neighbor's boy Stole what the garden grew.

Spraying to Kill Weeds.

the spraying solution, empty a hun- in the course of a day the floor or a dred pound sack of sulphate of iron fitting room gets littered with pins. into a fifty-gallon barrel; fill to the "And then does somebody at the chine with water and stir with a hoe end of the day when they straighten for a few minutes until dissolved, things out pick up these pins and save Strain through several thicknesses of them? No. It wouldn't pay. It would cheesecloth tacked over the manhole take time to pick them up, and time of the spraying machine. Apply with labor, costs money. It is cheaper to a powerful spraying machine, produc buy new pins than it would be to tion it fore all these people, do you? ing a real mist, free from drops. Use pick and save these pins that have about fifty gallons to the acre, and been dropped. spray on a bright, warm day, or on a "So these dropped pins are not pickdark, damp day; it does not matter, ed up, they are simply swept out with so long as rain does not come within the rest of the litter, and that is the eighteen or twenty hours. This spray last of them: There must be hunwill not harm grain crops and will dreds of fitting rooms, and they would

BASEBALL GLOVE'S EVOLUTION.

First Used by Arthur Irwin.

It was in 1883 that Arthur Irwin, playing shortstop for Providence, broke the third and fourth fingers of his left hand-and revolutionized the fielding game. He still shows a little finger bent in almost at right angles and says as he shows it, "That did it," says Collier's.

Then a club was a team, not two or three teams. They entered the struggle with ten, or at the most, elevin a herd, it is wise to dip the whole en men-a full team and one or two herd, disinfect their quarters thor substitutes. If there were two pitchoughly, give them a slight change in ers the one not in the box served as feed, and add to this about five drops an outfielder. A man took a day off of tincture of prickly ash for each only for serious cause. So Irwin, star hundred pounds of hog once or twice a infielder, had to devise some way of day. The old remedy of wood ashes beating his injuries. He consulted a and salt is good in many instances. A glover. They took a buckskin driving little powdered sulphate of copper glove, many sizes too large, padded it, dried sulphate of iron or charcoal made a fastening at the back, and given daily when the animals are not sewed the third and fourth fingers toperfectly healthy frequently does much gether to make room for bandages. good. After all, the old adage, an The crowd, Irwin knew, would forgive ounce of prevention is worth a pound him because of his mangled condition. From the first time he took a grounder with that glove he noticed that he Fertilizer is expensive. By the old could now "meet" the ball solidly. He method of distributing it there was did not have to "ease off" and he usually enough wasted to represent a could get away his throw quicker than any other man on the infield. John along a Virginia man and Montgomery Ward, of the New York invented the hand fer team, observed this. With monumental moral courage he got a glove like vice consists of an odd Irwin's and used it in a game. No one hooted him for his cowardice. to a point at the bottom Within two weeks after Irwin and Ward first took their gloves around ing there, through which the circuit a sporting-goods firm had the contents filters. A orders from professionals for a hunhinged valve, operated by dred like them. By the next season leads to the handle of the nearly every professional was wearbucket, controls the flow. The top of ing one of the "Irwin gloves." Denny, the rugged old third baseman, was a which runs under the handle of the conspicuous exception. To the end bucket. This bar is in close reach, of his days in baseball he played bare-

In one respect this improvement came in the very nick of time. In their liberty. They could now throw the ball overhand and free-armed. Having a box to get a running start and a shorter line to the plate than at present, they developed unprecedented speed. It needed more catchers than pitchers for a first-class team, so hard was this delivery on hands. The catchers took up the newfangled glove with enthusiasm. Manufacturers

"Say, mister," said mitle John to the florist, "will you sell me a plant dollar?" "Sure," replied the now regarded as one of the essentials florist. "What kind of a plant do you to be provided for in construction. The want?" "An electric-light plant," was the reply.

"What's the matter, dear?" queried the mother of 5-year-old Helen, who was crying as if her little heart would break. "What are you crying about?" 'I w-want s-somethin'," sobbed Helen What do you want?" asked her moth er. "I've f-forgot what I w-want," an swered the little miss. "Th-that's what m-makes me c-cry."

Mrs. Smith was showing a visitor a new hat tree she had recently pur chased, when little Samuel came in and neglected to remove his has set to admit the fresh air, the other to Thinking to teach him a lesson, she furnish an escape for the vitiated air. said: "Samuel, what did I buy that The inlet or fresh air flues should be hat tree for?" "For \$1.98," answered

FATE OF SOME PINS.

The Disappearance of at Least a Fee Thousands Accounted For.

"It's an old question, What become of all the pins? and I wouldn't under take to tell what becomes of all o them; but," said a young woman whhad just had her new spring coat fi ted. "I can tell you what becomes o some of them. "The fitter uses many pins in pin

ning up seams. She may carry abou with her a big cushion stuck full o pins, handy to get at, or she may have a paper of pins hanging down from her belt, and when she fits she finds use for many pins.

"She pins and pins and pins, and sometimes in reaching for a pin or in pinning or in taking pins she drop one. But she doesn't stoop to pick that pin up, for that would be a waste of time and effort; she simply lets that pin lie where it fell and reaches to her cushion or the paper of pin-Kill weeds by spraying. To make that she carries for another, and so

kill wild mustard and various other account for the disappearance of at least a few thousands of pins daily."

# What is Castoria.

ASTORIA is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhea and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The children's Panacea-The Mother's Friend.

The Kind You Have Always Dought, and which has been in use for over 30 years, has borne the signature of Chas. H. Fletcher, and has been made under his personal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but Experiments that trifle with and endanger the health of Infants and Children-Experience against Experiment.

### **Letters from Prominent Physicians** addressed to Chas. II. Fletcher.

Dr. F. Gerald Blattner, of Buffalo, N. Y., says: "Your Castoria is good for children and I frequently prescribe it, always obtaining the desired

Dr. Gustave A. Eisengraeber, of St. Paul, Minn., says: "I have used your Castoria repeatedly in my practice with good results, and can recommend it as an excellent, mild and harmless remedy for children."

Dr. E. J. Dennis, of St. Louis, Mo., says: "I have used and prescribed your Castoria in my sanitarium and outside practice for a number of years and find it to be an excellent remedy for children."

Dr. S. A. Buchanan, of Philadelphia, Pa., says: "I have used your Castoria in the case of my own baby and find it pleasant to take, and have obtained excellent results from its use."

Dr. J. E. Simpson, of Chicago, Ill., says: "I have used your Castoria in cases of colle in children and have found it the best medicine of its kind on the market."

Dr. R. E. Eskildson, of Omaha, Neb., says: "I find your Castoria to be a standard family remedy. It is the best thing for infants and children I have ever known and I recommend it."

Dr. L. R. Robinson, of Kansas City, Mo., says: "Your Castoria certainly has merit. Is not its age, its continued use by mothers through all these years, and the many attempts to imitate it, sufficient recommendation? What can a physician add? Leave it to the mothers."

Dr. Edwin F. Pardee, of New York City, says: "For several years I have recommended your Castoria and shall always continue to do so, as it has invariably produced beneficial results." Dr. N. B. Sizer, of Brooklyn, N. Y., says: "I object to what are called

patent medicines, where maker alone knows what ingredients are put in them, but I know the formula of your Castoria and advise its use." GENUINE CASTORIA ALWAYS The Kind You Have Always Bought

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At6 months old

"Isn't there some talk that Gringo is

going to enter the ministry?" "The ministry? Why-O, I see. That's what he really wants, but he intends to try for a consulship first,"-Chicago

His Speedometer. Inquistive Person-How do you tell

how fast you are going? Chauffeur-I watch the expression of the faces of the policemen as I whiz past them.

Averages All Right. Tenant (of flat) -One of the radiator in that large room of mine is always cold, winter and summer.

Janitor (with a scowl)-Well, I've heard you say that the other one is always hot, winter and summer. Ain't it standoff? His Usual Way.

The new waitress sidled up to a dapper young man at the breakfast table, who, after glancing at the bill, opened his mouth, and a noise issued forth that sounded like the ripping off of all of the cogs on one of the wheels in the power house. The new waitress made her escape to the kitchen. "Fellow out there insulted me," she said. The head waiter looked at him. "I'll get it," he said. "That's just the train

caller ordering his breakfast."-Argo-A Life Truit. "Jones says that he always gets to the bottom of anything he under-

takes." "Don't doubt it. At school he was always at the foot of the class."-

Baltimore American. A Purist at Large. "Let me see-the census gives your town about 6,000 doesn't it?" "No, sir; our town gives the census

Innocent. "Clifford," asked the teacher, "who wrote the Junius letters?" "I-I don't know, ma'am," answered the terrified little boy. "I didn't!"

Where They Don't Mussle 'Em. Suburbanite-You are half an hou late this morning. Letter Carrier-Yes, ma'am; the se

tions of stovepips I have to wear inside my trousers legs on account of the dogs you keep along this street hamper my novements, ma'am.-Chicago Tribune.

Escaping by a Technicality. Teacher-Tommy, what is an improper traction?

Tommy-You don't 'spect me to men-

There Are Others, "Bings is afraid that he may be pros-

ecuted for polygamy." "Why, he is married to only one person, ain't he?"

"That is what he thought for a while, but now it appears that he married her whole family, and there are seven of them."-California Weekly.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

Merely Friendly. Elderly Relative-Mortimer, what are your intentions in regard to Miss sul-

Scapegrace Nephew-Strictly honors ble and praiseworthy, uncle. Elderly Relative-I am glad to hear that, Mortimer. I was afraid you were going to try to persuade her to marry you.-Chicago Tribune.

"Before I began using Cascarets I had a bad complexion, pimples on my face, and my food was not digested as it should have been. Now I am entirely well, and the pimples have all disappeared from my face. I can truthfully say that Cascare is are just as advertised; I have taken only two boxes of them." Clarence R. Griffin, Sheridan, Ind.

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